Appln No. 10/656469
Amdt. Dated: December 19, 2006
Response to Office Action of November 9, 2006   2

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (currently amended)A method of capturing and processing sensed images, the method including the steps of:

sensing a viewed image within an image capture device to generate a viewed image signal carrying data representing the viewed image;

communicating the viewed image signal to a central processor within the image capture device;

reading, within the image capture device, a printed data storage device on which optically detectable data representing an image processing program is printed to generate a program signal carrying data representing the program;

communicating the program signal to the central processor; and

executing the program at the central processor so that the central processor carries out an image processing operation on the viewed image in accordance with instructions carried by the program to generate output image data;

communicating the output image data together with printing instructions to a printhead within the image capture device; and

printing the output image data onto media as an output image, the media conveying the output image being ejected from the image capture device.

2.   (original)A method as claimed in claim 1, which includes the steps of:

communicating the viewed image data to an image sensor interface;

writing the image data to the central processor from the image sensor interface;

converting the viewed image data into an internal data format capable of being subjected to said image processing operation; and

storing the converted image data in a memory device.

3.   (original)A method as claimed in claim 1, in which the step of reading the printed data storage device includes the steps of:

reading a two-dimensional code printed on a planar element to generate the program signal;

communicating the program signal to a reader interface; and

transforming the program signal into program script.

4.   (original)A method as claimed in claim 3, in which the step of reading the two-dimensional code includes the steps of:

detecting an area on the planar element on which the two-dimensional code is carried; and

detecting a bit pattern represented by the two dimensional code; and
writing the bit pattern as a byte pattern.

5.   (original)A method as claimed in claim 4, which includes the steps of:
applying unscrambling and XOR algorithms to the byte pattern to generate encoded data and decoding the data.

6.   (original)A method as claimed in claim 3 which includes the step of executing the program script at the central processor to carry out image processing steps on said converted image data.

7.   (cancelled)